

FIGURE 1

006T40"668T5560

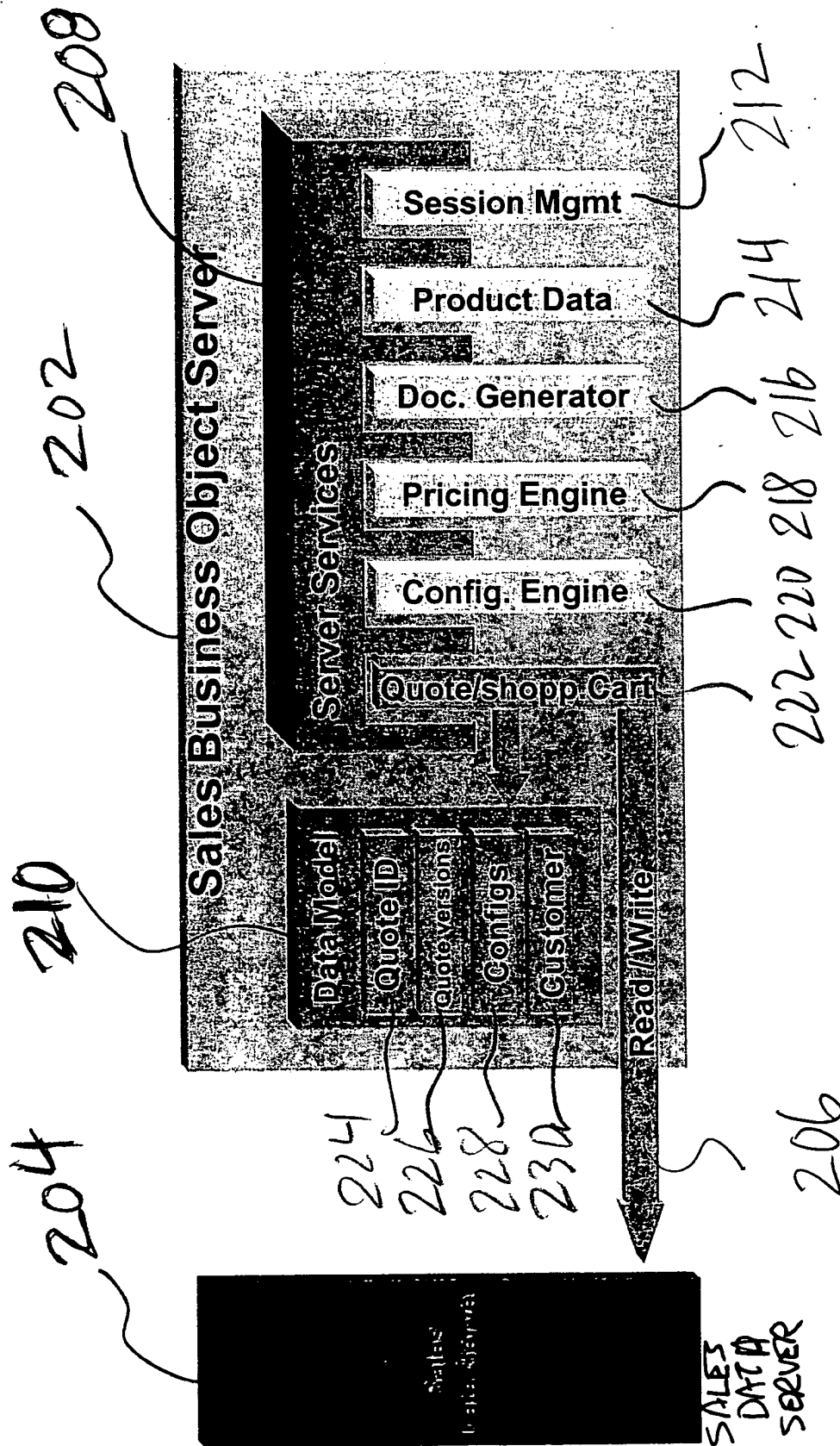


FIGURE 2

Scalability: Pyramid Model of Servers

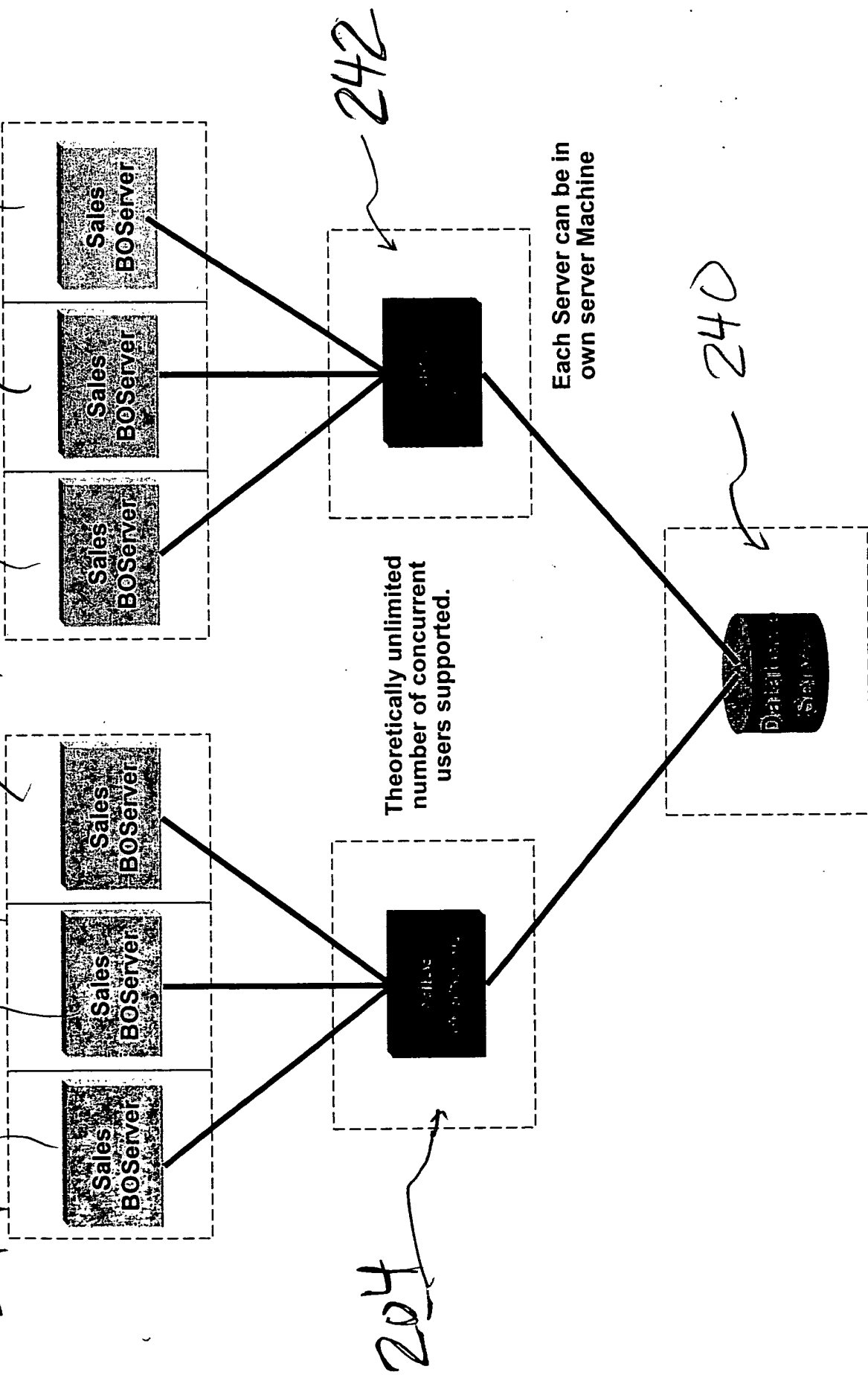


FIGURE 3

Scalability: Multithreaded Server

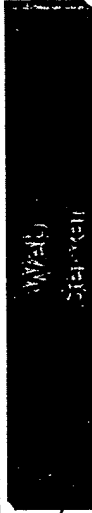
290 292 294



296 298



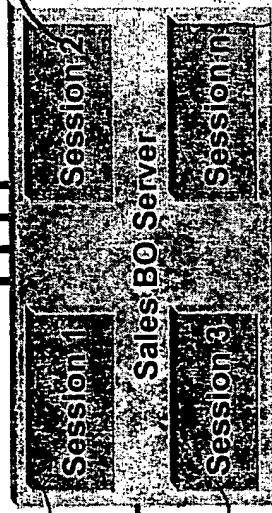
282



280



270

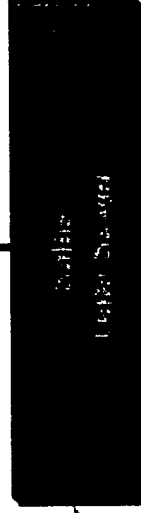


202

272

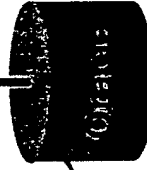
Application Server Layer

204



Data Server

260



Light weight object presentation transfer for bulk data

Multithread server. Utilization of multiprocessor servers. Multiple user session in one process.

Efficient use of operating system resources. Session pooling to recycle sessions.

Data caching to minimize database load and response times.

Database connection pooling. Optimized efficiency of database resource utilization.

FIGURE 4

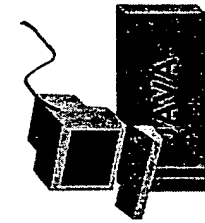
UI Summary

006TH0"668F5560

HTML UI



STD UI



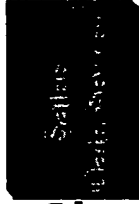
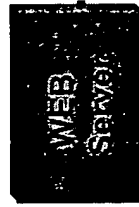
LAN / High speed Wan

Corba IIOP

HTTP

Low speed Wan / Internet / Lan

Application Servers



Application Servers

Data Server

Data Server

All Uis can be utilized simultaneously using the same data

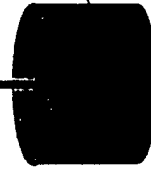
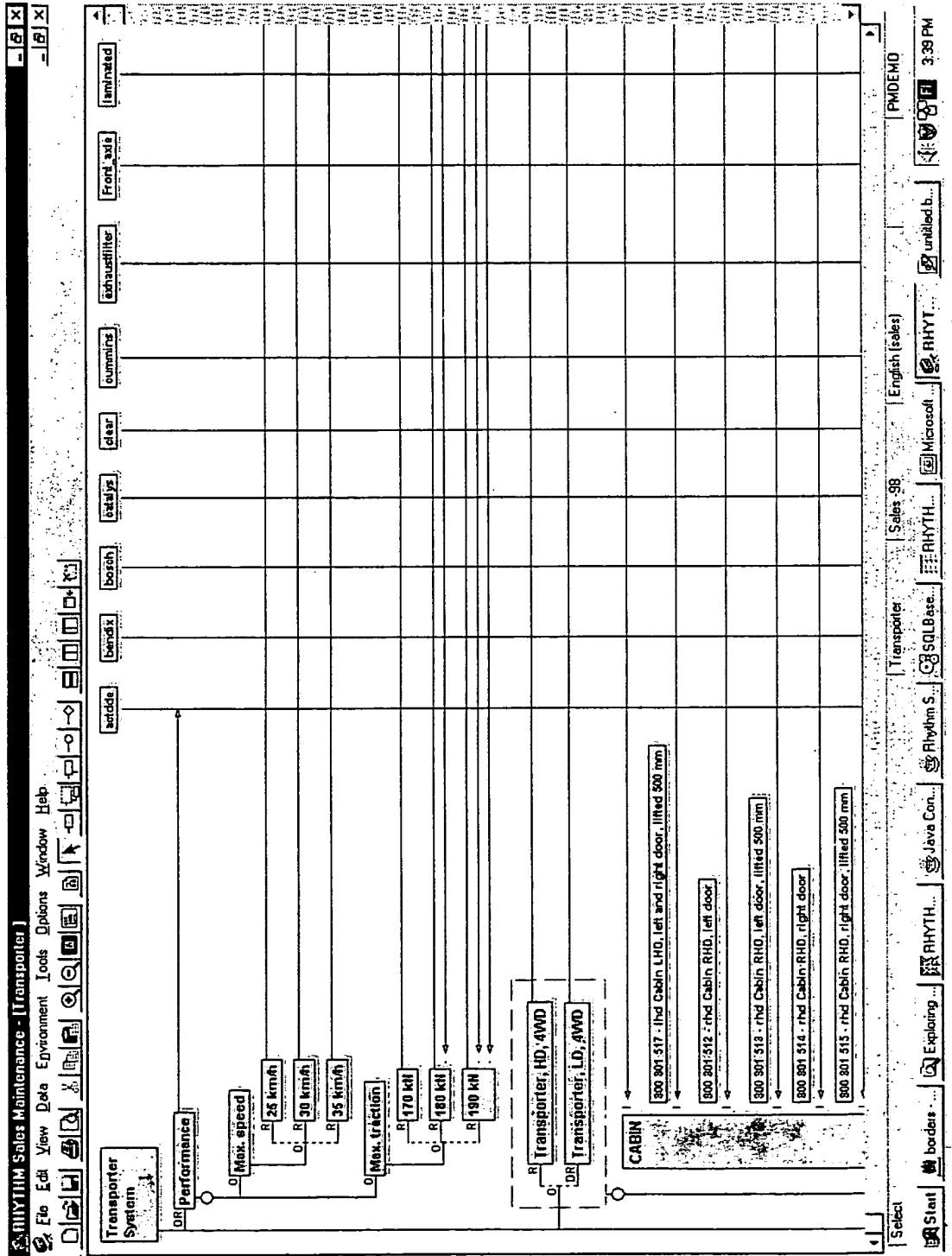


FIGURE 5

Rule Maintenance



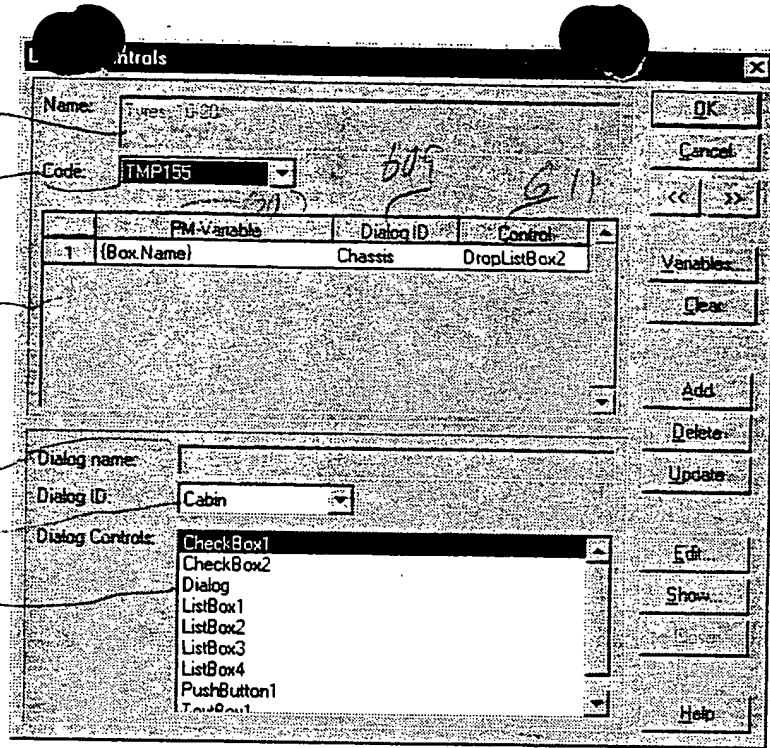


FIGURE 7

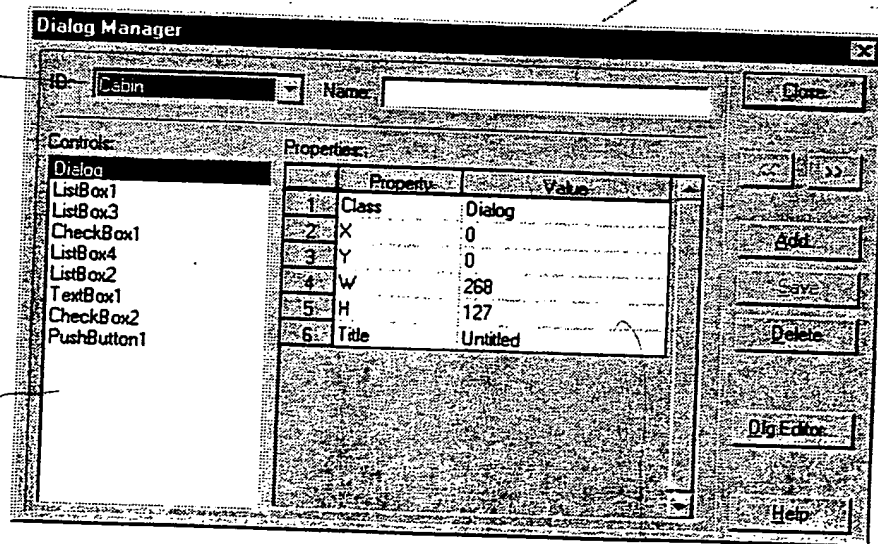


FIGURE 8

UI Maintenance

RHYTHM Studio Maintenance - Transporter

File Edit View Data Environment Tools Options Window Help

Dialog Manager

ID: Cabin Name: Date

Controls:

Property	Value
1. Class	Dialog
2. X	0
3. Y	0
4. W	1268
5. H	127
6. Title	Untitled
7. Font	MS Sans Serif 8,700,0,0,0
8. HTMLPrefix	
9. HTMLSuffix	

Dialog Editor

Dialog Editor

File Edit Controls Help

Transporter, HD, 4WD

Transporter, LD, 4WD

CABIN

300 301 517 - lhd Cabin LHD, left and right d

300 301 512 - rhd Cabin RHD, left door

300 301 513 - rhd Cabin RHD, left door, lft

300 301 514 - rhd Cabin RHD, right door

300 301 515 - rhd Cabin RHD, right door, lft

Push Button

line 1 line 2 line 3 line 4 line 5

line 1 line 2 line 3 line 4 line 5

Text Box

Check Box

untitled b...

PMDEMO 3:37 PM

FIGURE 9

THE UNIVERSITY OF CHICAGO



FIGURE 10

START

ESTABLISH COMMUNICATION BETWEEN BUYER AND SELLER

ACTIVATE APPROPRIATE RENDERING ENGINE

CALL APPROPRIATE DIALOG MANAGER MODULE

UTILIZE RENDERING ENGINE TO GENERATE ASSOCIATED GRAPHICAL USER INTERFACE

COMMUNICATE WITH SINGLE DATABASE TO READ META DATA ASSOCIATED WITH THE GUI

APPLY METADATA DURING CREATION OF GUI IN REAL TIME

MONITOR DIALOG INPUT BY BUYER

AS NECESSARY, WRITE DATA TO DATABASE

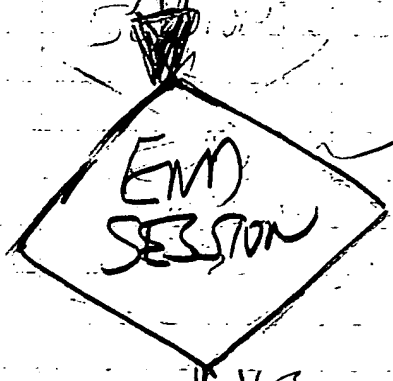


FIGURE 11

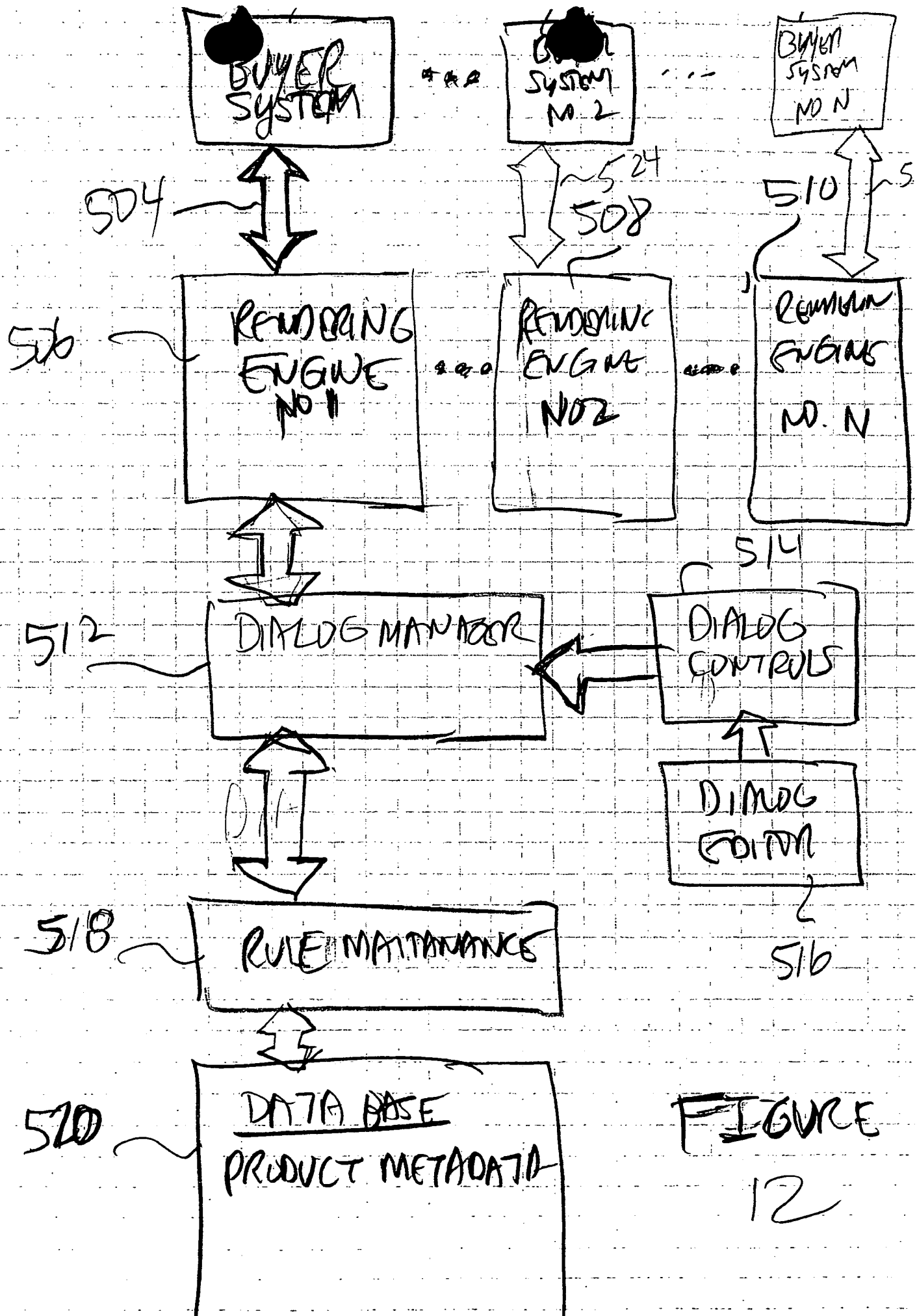


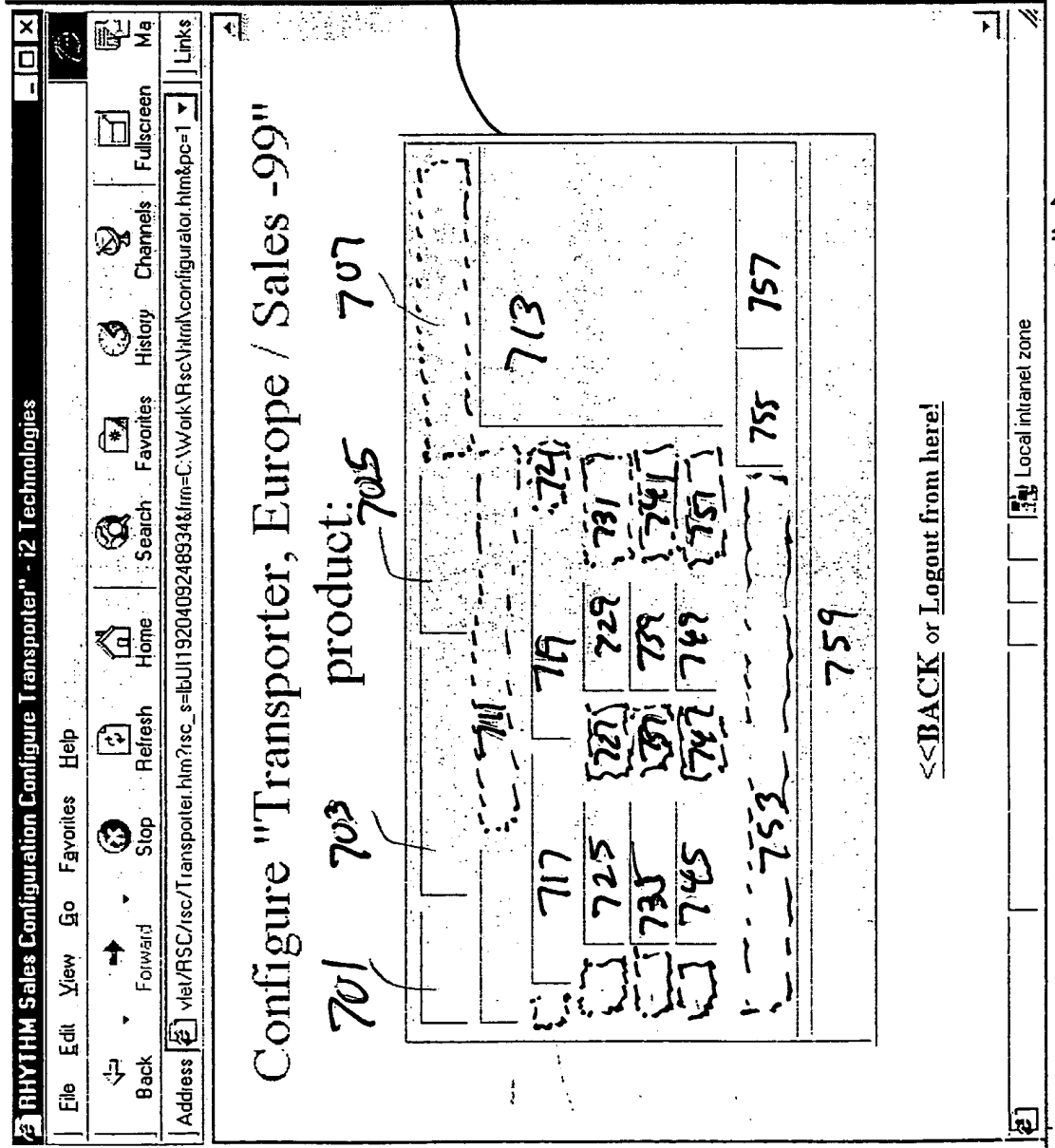
FIGURE
12

006740"668F550

Property	Value
Class	Cannot be edited.
X	Displays the X coordinate of the control in pixels.
Y	Displays the Y coordinate of the control in pixels.
W	Displays the width of the control in pixels.
H	Displays the height of the control in pixels.
Title	Displays the title of the control.
Option Group	Cannot be edited.
Text	The default static control text
Font	Displays font name, size and style.
Multiline	Edit control feature (single line, multi line); 0 = no, 1 = yes
RTF	Defines the Edit control as RTF type; 0 = no, 1 = yes
RTFToolBar	When RTF has been chosen; a RTF toolbar can be added; 0 = no, 1 = yes
Extended	When listboxes are used; they can be owner type (can include picture, checkboxes etc.); 0 = no, 1 = yes

FIG 13

HTML table



709
715
723
733
743

CCS HTML UI

RYTHM Sales Configuration Configure Transporter" - Netscape

File Edit View Go Communicator Help

Back Forward Reload Home Search Guide Print Security Stop

Bookmarks Location: [http://192.03.203.67/2028fm-GAR_SC_LBUIServer/Html/configurator.html?pc=1]

Configure "Transporter, Europe / Sales -99"

product:

CABIN	POWERTRAIN	CHASSIS
Performance		
Max. speed		Max. traction
25 km/h		170 kN
30 km/h		180 kN
33 km/h		190 kN

709 717 725 735 745

701 703 705

719 729 739 749

700 713

759 757

Cancel OK

Check new Undo

<<BACK or Logout from here!

Document Done

FIGURE 15

END ~ 817

FIGURE 16